

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Hurricane Sandy - Polrep/Sitrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region II

Subject: SITREP #9
 HHW Staging Location Assessments
 Hurricane Sandy

 Edison, NJ
 Latitude: 40.4494047 Longitude: -74.4379073

To: Michael Hoppe, USEPA Region 02, ERRD-RPB

Thru: REOC Deputy Regional Incident Coordinators,
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From: REOC Situation Unit Leader,
 Keith Glenn (Day Operations)
 Christopher Gallo (Night Operations)

Date: 11/6/2012

Reporting Period: 0700 hrs 11/06/12 thru 1900 hrs 11/06/12

Executive Summary
EXECUTIVE SUMMARY

Operations continued within the declared counties of New Jersey and New York. The Regional Emergency Operations Center in Edison, NJ continues to facilitate and support operational tactics and address needs. The EPA Regional office remains closed due to damages and the Edison Facility/REOC is open but under a boil water advisory.

In New Jersey, EPA continued to deploy HazMat Assessment Teams throughout the State. Teams focused on conducting assessments in Hudson, Middlesex, and Union Counties. In particular, EPA responded to notifications of petroleum releases in the City of Bayonne. Although staining was observed in the streets, the city has contracted a company to perform power-washing services. Crews also continued to represent EPA at the Phillips 66 facility in Union where USCG and NJDEP are overseeing a cleanup of releases to waterways.

ASPECT conducted a third mission in NJ with a flight path focused on the mouth of the Delaware River and points north along the riverbanks.

NJDEP has requested assistance from EPA to inspect a total of twenty-two (22) drinking water facilities in NJ. To date, twelve (12) of those facilities have been investigated and no requests for EPA assistance have been given. NJDEP has requested the assistance of EPA in the investigation of eleven (11) wastewater treatment plants. EPA has completed assessments at all of these facilities, with two requesting continued assistance. MCUA and PVSC continue to have dedicated OSCs and specialists to assist with equipment assessments. Dive operations commenced this operational period and will continue for several days.

In New York, EPA continued to assess HHW and orphaned container needs in Long Island and the five Boroughs of NYC. Reconnaissance for HHW and orphan container pads continued in Nassau and Suffolk County coastal towns. IN NYC, three locations have been identified where the Department of Sanitation is staging HHW and orphaned containers. These locations include Father Capodanno Park, Freshkills Landfill, and Riis Park. EPA will assist in the removal of collected debris. Dewatering operations of tunnels in Manhattan continued to have EPA oversight. Assessments commenced in the Rockaways section of Queens for HHW needs.

EPA conducted wastewater treatment facility assessments in Yonkers, Port Chester, and Yorktown. County Health Departments continue to request EPA to discontinue their assessments of facilities in the County, since a program is already in place and working. EPA has assessed a total of five (5) drinking water and seven (7) wastewater facilities that required no additional assistance from the agency.

The Region 2 Clean Waters ocean survey vessel conducted ocean water surveys from Barnegat to Sandy Hook, collecting samples to determine impacts due to potential releases of raw sewage.

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority: Stafford Act	Response Type: Emergency
Response Lead: FEMA	Incident Category: Removal Action
NPL Status: Non NPL	Operable Unit:
Mobilization Date: 10/29/2012	Start Date: 10/29/2012
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:

1.1.1 Incident Category

Hurricane Disaster Response

1.1.2 Site Description

1.1.2.1 Location

Ten counties were originally declared eligible for Public Assistance in New Jersey: Atlantic, Cape May, Essex, Hudson, Middlesex, Monmouth, Ocean, Somerset, Bergen, and Union. On November 5, 2012 FEMA declared the remaining New Jersey counties eligible for public assistance: Cumberland, Salem, Gloucester, Camden, Burlington, Mercer, Hunterdon, Warren, Morris, Sussex, and Passaic.

Nine counties have been declared as eligible for Public Assistance in New York State: Bronx, Kings, Nassau, New York, Queens, Richmond, Westchester, and Suffolk.

1.1.2.2 Description of Threat

Releases of oil and chemicals as a direct result of high winds and flooding. Damage to facilities located within the impact have the potential to transport containers, waste, and process equipment that may contain hazardous materials. High winds from hurricane Sandy have caused transformer poles to fall and substations to catch fire and cause additional hazards throughout communities. Storm surges along the coast line and inner waterways have moved sand, sediments, and sludge into residential and business properties. Several coastal communities have reported widespread devastation.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Preliminary Removal Assessments and Site Inspections were not formally conducted at all EPA sites. Project managers took numerous steps at Superfund Sites in efforts to prepare for Hurricane Sandy. Damage assessments continue at EPA Sites as waters recede, power is restored, and managers are able to access their sites and regulated facilities.

1.2 Incident Objectives

- 1) The health and safety of our responders is the highest priority.
- 2) Ensure health and safety of the public by conducting environmental assessments, controlling hazards, and operating in accordance with the approved site safety and quality assurance sampling plans.
- 3) Assess needs and support the sustained operation of public drinking water facilities impacted by the storm. This is the agency's current operational priority. Assess needs and support the sustained operation of waste water facilities impacted by the storm.
- 4) Conduct aggressive air, ground and water recon and investigation activities to identify active and potential pollution targets, as well as confirm extent of hurricane damage to oil and chemical facilities and critical infrastructure.
- 5) Rapidly control, contain and mitigate all sources of pollution threatening or impacting public health and the environment, to include the navigable waterways. Coordinate actions with the States.
- 6) Manage a coordinated response effort with local, state, federal and industry partners and ensure adherence to policies, practices and plans of each. Assure that all stakeholders are informed of response activities and enhance proactive media and community outreach programs.
- 7) Manage a financial system that ensures accurate, efficient and effective accounting of resources continually monitor ESF #10 funds and adjust operations as needed.
- 8) Pursue and deploy any resources needed to support and sustain agency missions.

1.3 Critical Resource Needs

Critical Needs to maintain operational status and projected operational goals are being coordinated through the Resource Unit Leader. EPA is working closely with local, state, and federal partners to coordinate critical needs of facilities that have been impacted. The majority of needs from drinking water and wastewater facilities in the supply of fuel to maintain and operating status. Although a function of Emergency Support Function #3, EPA was been requested to assist in support these needs. Liaison Officers

in the State EOCs and the FEMA RRCC continue to coordinate with other ESF partners on addressing these needs.

1.4 Strategic Considerations

Strategic Considerations are utilized by Operations during tactical decision making situations. These considerations change with the needs presented and are developed on a case-by-case basis.

2. Current Activities

2.1 Operations Section

CURRENT ACTIVITIES

DIVISION NEW JERSEY

Ten counties have been declared eligible for Public Assistance in New Jersey: Bergen, Essex, Hudson, Union, Somerset, Middlesex, Monmouth, Ocean, Atlantic, and Cape May. Late in the operational period, FEMA declared the remaining New Jersey counties eligible for Public Assistance. Operations were currently focused in the originally declared ten counties. EPA is developing plans on addressing additional concerns that may come from these additional counties.

NEW JERSEY RESPONSE ACTIONS

EPA continues to develop a list of notifications received through the National Response Center (NRC), Regional hotline, and Ombudsman hotline.

Hazmat Assessment Teams continue to assess locations provided by the New Jersey Department of Environmental Protection (NJDEP) in effected counties, but focused efforts in Hudson, Middlesex and Union Counties during this operational period.

Hudson County

A Hazmat Assessment Team was deployed to conduct an assessment of Jersey City on 6 November, 2012. The Assessment Team was deployed at the request of the NJDEP in response to a petroleum odor complaint on Grand Street. The Hazmat Assessment Team did not observe any oil or staining in the area of Grand Street during their assessment.

During their inspection, the Hazmat Assessment Team contacted the Jersey City OEM who stated the Hudson Regional Health Commission (HRHC) was handling all environmental complaints and provided the Assessment Team with their contact information. The Assessment Team contacted the HRHC Deputy Director, who stated HRHC had been receiving numerous reports regarding odor issues in Hoboken, Jersey City and Bayonne. She stated she had three employees and they were currently overwhelmed with the number of complaints. She also stated she had been informed by OEM that federal assistance had been requested and EPA would be able to assist. The Deputy Director asked if EPA could handle some of the incidents they could not respond to. The Deputy Director has provided EPA with 12 complaints the HRHC is unable to follow up on. EPA is evaluating the complaints for the appropriate response actions in Jersey City.

A Hazmat Assessment Team was deployed to conduct an assessment of Bayonne on 6 November, 2012. The Assessment Team was deployed at the request of the NJDEP in response to various complaints regarding storm impacts. During their inspection, the Assessment Team contacted a local councilman and discussed the impacts and response activities associated with the storm. The entire City was assessed during their inspection. Only one impacted area was observed by the Assessment Team. The impacted area was a three block area along Avenue F (between 21st and 24th street). Staining was identified primarily along the lower levels of buildings and the concrete sidewalks. The councilman reported that the City had retained two firms to power wash impacted areas and the Assessment Team observed two firms carrying out this response activity. No follow-up is recommended in Bayonne based on the Assessment Team's field observations.

Middlesex County

A Hazmat Assessment Team was deployed to conduct an assessment of Perth Amboy on 6 November, 2012. The Hazard Assessment Team conducted a city-wide assessment at the request of the NJDEP based on the location (coastal) of the city and various reported releases in the area. The team did not speak to local officials during their assessment. The team recorded the presence of four 250-gallon totes and seven 55-gallon drums during their inspection. Their location and any markings were noted to facilitate further assessment and removal. The team also inspected the release reported at the Motiva facility along Woodbridge Creek. The release appears to be adequately addressed at this time and the USGC is the lead agency. The team also reported a petroleum sheen on Arthur Kill near a public park. The Assessment Team indicated their initial evaluation was that the release noted on the Arthur Kill is likely related to the Motiva release noted above. The team recommends the coordination with the USCG regarding the release noted on the Arthur Kill near the public park and further assessment and removal of the orphan containers noted above.

Union County

A Hazmat Assessment Team was re-deployed to the Phillips 66 Bayway Refinery in Linden, Union County, NJ to conduct an assessment of the facility and to conduct oversight of the responsible parties (RP) on-going cleanup activities. During the 6 November, 2012 inspection, the Hazmat Assessment Team met with representatives from Phillips 66 to discuss the facility's preparation for the upcoming storm event. The facility informed the Assessment Team that they had also met with representatives from the USCG earlier in the day, including the Captain of the Port of New York, to discuss the same matter. In preparation of the storm, the facility has checked the positioning of all boom and replaced sorbent boom in the Morses Creek and Reservoir areas. Other operations are currently focused on containing and removing as much free product as possible from Morses Creek and Reservoir areas in anticipation of minor flooding associated with the upcoming storm. The facility has also staged an 8" pump in the cemetery area capable of pumping runoff water from the contaminated cemetery area to an area within the Reservoir which has

been boomed off for containment purposes. The facility will continue with these operations until conditions are no longer safe to continue operating, which is anticipated to be around 1600 tomorrow (November 7, 2012). The facility remains without power and is unable to generate steam to heat the pipelines and tanks. With the weather turning colder, the facility is closely monitoring this situation.

As of November 6, 2012 at 1100, the RP has estimated 100 barrels of oil have been recovered from the ERB discharge and one barrel of oil has been recovered from the Tank 310 discharge.

As of November 6, 2012 at 1100, the RP had the following resources on site:

429 contractor personnel	40 light stands with an additional 10 ordered
52 RP personnel	44 skimmers
9,800 feet of boom	16 frac tanks
2 cranes	24 roll offs with an additional 80 on order
60 vacuum trucks	

There have been no reported changes to the previous Wildlife Impacts from the 5 November, 2012 Situation Report.

The facility remains to be mentioned on several different media outlets.

EPA will meet tomorrow morning with representatives from the facility, USCG and NJDEP to tour the impacted areas and discuss preparation activities.

Ocean Water Survey

NJDEP requested EPA to conduct ocean water sampling from Barnegat to Sandy Hook. The Clean Harbors Ocean Survey Vessel, supplied with EPA DESA personnel, collected samples for BACT analyses during this operational period. The analyses will be performed by the Region II laboratory.

Summary Table

Below is a summary table for NJ Incident Reports as reported by the National Response Center and calls received in the REOC. This information is current as of 1400 hours on 11/06/2012. The table includes the materials involved.

New Jersey Incidents			
Number of Notifications to EPA			
Material Type	Reporting Operational Period	Previous Totals	Grand Totals
Oil	19	108	127
Other	1	5	6
Haz	0	3	3
Operational Period Total	20	116	136

DIVISION NEW YORK

Nine counties have been declared as eligible for Public Assistance in New York State: Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk and Westchester.

EPA activities included visiting OEM locations and assessments of wastewater facilities in Westchester County. Assessment Teams continue to find HHW staging locations in Staten Island, Manhattan, Suffolk County and Nassau County. Dewatering activities also continued in NYC.

NEW YORK RESPONSE ACTIONS

New York City

EPA is coordinating shoreline assessments in Staten Island and will be deploying contractor support and United States Coast Guard. EPA also conducted a site visit to the Fresh Kills Landfill to identify possible staging areas for the collection of HHW in NYC. Three areas were identified near the landfill for staging of debris piles. EPA will be utilizing ERRS to conduct the HHW operations in NYC. EPA and ERRS will be conducting additional assessments at two more sites and mobilizing teams and equipment in the next operational period.

Also in Staten Island, EPA conducted a site visit to the Fresh Kills Landfill to assess the staging area for HHW and orphaned container collection. EPA and ERRD contractors will be conducting assessments of 2 additional locations on 7 November 2012.

EPA has assessed the Eastern side of Staten Island's Hylan Road South of the Verrazano Bridge. Four additional areas have been identified for HHW pickup of propane tanks, paints/solvents along with an area of diesel fuel release, which was partially remediated.

The Western side of Hylan Road is in process of being assessed as well, along with assessments of potential releases at closed gas stations throughout the Island. EPA continues to distribute Mold fact sheets in English and Spanish to Staten Island residents. ER spill reports were received, and are being coordinated with EOC on priorities for addressing the reports.

Areas of the city were well underway with their debris removal, streets in Totten Village of Staten Island that had large volumes of debris were already cleaned and today the city Sanitation Department was bringing in street cleaners and other equipment to remove the silt and dirt that over lies the sidewalks and roadways. The USACE has been requested and were there in force but have not engaged on any missions, they are working on assessing the areas and developing a plan for deployment. The USACE have hired an international debris handling firm ECC, they will be augmenting city debris collection efforts and will work to maintain and manage the debris collection sites. Title 10 (NCP Term, Designation for US Troops deployed to conduct a civilian mission), Military Forces Army combat battalions. Navy C-bees /Marine combat battalions in addition to NYS Army National Guard Personnel are on the ground and have started to be deployed to assist where necessary for debris mission assignments. The City has already contracted Long Haul Solid Waste Contractors who are moving the collected debris from the three established debris collection locations and transporting the debris to one of three landfills in upstate NY, (Seneca Meadows), and locations in Ohio and Pennsylvania. The three debris collection sites currently being used by the city are located at: Jacob Reis Park, Queens/ Rockaway area of NYC. Father Cappadano Site in Staten Island and the Fresh Kills Landfill, also located in Staten Island. Additional sites are planned for and will be activated as needed and when the USACE and their contractor are on board. The wood debris is being doubled chipped and will be used as cover for landfills etc. EPA is in the process of deploying our ERRS contractors to begin assisting the city at the Debris collection sites previously identified.

Suffolk County

Hazardous Assessment Team surveyed Amityville shoreline. Debris is comingled with HHW along shore and flooding was observed up to 3 feet above ground level. A sheen and slight petroleum odor were noted in a marina in Amityville. West Islip residents placed some amounts of debris out to the curbside, the town was not heavily impacted by Hurricane Sandy. EPA visited Heckscher State Park in Yonkers. EPA was informed that a hazmat team had been at the park earlier in the day and pulled about 6-8 propane tanks.

Hazardous Assessment Teams surveyed areas of Babylon. Team noted significant damage along the Township of Babylon shoreline. EPA also noted that residents of the town have set out debris at curbside. Canals along the residential areas were surveyed and a potential orphan drum was identified. Areas south of Montauk Highway are still without power. Assessments have started for damaged areas in the Township of Iselin.

EPA visited Mastic Beach, NY to assess local needs. Sporadic amounts of HHW were observed in Southampton and Riverhead and orphan containers were noted in mostly residential some areas.

The Moriches were assessed as well as areas extending to the town line of Brookhaven and Southampton, NY. Team observed minor HHW at the curbside. Approximately, four locations with less than 4 containers at each had an assortment of paint cans, motor oil and oil containers. Two tanks were located; the first tank (300 gallon AST – presumed fuel oil) was located at a residence, at the end of Ocean Avenue in Moriches. This tank was upright and stable; however, it seemed to have been moved by the floodwaters. The second tank was at the Nilly Lily Boat Rental - 99 Adelaide Avenue, East Moriches. The tank is an approximately 500 gallon horizontal AST which formerly contained gasoline. EPA's interview with the property owner evidenced that a release

occurred during the storm. A contractor had since removed the remaining contents of the tank. DEC has responded to this incident.

Nassau County

EPA Acosta contacted the town of Hempstead and City of Long Beach and Glen Cove to offer assistance in handling HHW. Hempstead indicated that they have not come across HHW at this time. Their main concern is C&D materials pile at transfer stations. The city of Long Beach has been sorting and staging HHW and would like EPA's assistance. The City of Glen Cove did not answer calls.

OSC, Gez Bushra, and RST member started reconnaissance on the south tip of Village of Lawrence up to East Rockaway in Nassau County. HHW was located in Hewlett Neck and East Rockaway. Thus far no central collection point has been located.

HHW's located in front of residential properties have been photo documented and their location captured with GPS. OSC Magriples and one RST visited Liberty Industrial Park, NPL site, in South Farmingdale, which has been identified as a potential staging area for HHW. Legal issues were raised about the use of the site. EPA also contacted NYDEC, Karen Gomes, concerning NRC incident report about a home heating oil tank. DEC is informed with address and either has addressed it or will.

Newtown Creek

Hazardous Assessment Team arrived at the Scrap Metal Recycler located on 340 Maspeth Ave, Brooklyn. Boats were difficult to load from the dock and operations were slow as many containers were hard to access. EPA has removed all identified containers including 30 55-gallon drums. Drums are currently staged on a property for removal by ERRS contractor. A significant amount of oil at the end of the creek was noticed, however the source is unknown.

Rockaways County

EPA and RST assessed the area of Far Rockaways between 60th to 69th streets. The area is currently without power and multiple distribution stations are set up for water and blankets. Residents have placed household trash and construction debris along the roadside. The Breezy Point beach parking lot has been converted by the town into temporary staging and stockpiling area. Departments of Sanitation (DSNY), NYCDEP, and FDNY are active in the eastern part of Rockaways with less activity in the Far Rockaway. Today there was no evidence of FEMA or Army Corp of Engineers in the area.

EPA has traveled each Street between Beach 60th and 69th Street in Far Rockaways with no obstructions. Household trash including wall mount AC units, three 5-gallon buckets of asphalt paving material, and two 1-gallon cans of unknown material were observed on 69th street near intersection of Beach Channel Drive. A trashed refrigerator was observed on 67th Street and there are no obvious collection activities occurring in this area.

EPA visited FDNY ICC located at 116th Street. Mr. Paul Tauber Chief at the ICC confirmed that there were no major issues in the response operations and no complaints were received about hazardous waste drums or tanks.

Dewatering Activities

The NYC Dewatering Branch continued to provide technical assistance to ACE and NYC officials. Priority lists of places to pump out are developed, maintained, and altered by City officials.

Summary Table

Below is a summary table for NY Incident Reports as reported by the National Response Center and calls received in the REOC. This information is current as of 1400 hours on 11/06/2012. The table includes the materials involved.

New York Incidents			
Number of Notifications to EPA			
Material Type	Reporting Operational Period	Previous Totals	Grand Totals
Oil	13	82	95
Other	1	10	11
Haz	0	0	0
Operational Period Total	14	92	106

ASPECT

The ASPECT plane completed two flight missions in support of assessment needs for New York and New Jersey. The first mission, flown on 4 November 2012 was focused on the outer coastal line of the barrier island of NY and NJ. The second mission, completed this operational period, focused on the intercoastal waterways between the barrier island and the mainland. Data has started to become available however post processing is taking longer than expected. All data is anticipated on being available by the end of the next operational period.

SUPERFUND SITE ASSESSMENTS

Requests for assessments at EPA Superfund Sites were requested by State and County representative to determine any potential threats caused as a result of hurricane Sandy. Some facilities were noted to have structural damage as a result of Hurricane Sandy. However, it is the potential impact to public health to residents in the community that is the greatest concern, and additional actions are being taken to mitigate and prevent any release or threats.

Superfund Site Assessments				
	Within Declared Counties	Assessed	Pending	Posing Potential Threat
Remedial Sites				
New Jersey	93	32	61	1
New York	45	13	32	2
Removal Sites				
New Jersey	83	83	0	1
New York	22	22	0	0

*Table in the previous Situation Report indicated low numbers of assessed sites. Following the publication of the SITREP, the available data, collected from RPMs, OSCs, contractors, SAMs, WAMs, Risk Assessors, etc., was filtered to correctly indicate the proper amount of facilities assessed. Filters had not been added in the previous SITREP. All assessments of Removal Sites were completed by 2 November 2012. Assessments of Remedial Sites commenced on 1 November 2012 and information has been incorporated into a spreadsheet. Additional efforts to have RPM respond with assessment information have been initiated, however with the Regional Office still not habitable, contact has been limited.

Gowanus Canal (NY)

No work was conducted at this facility during the operational period.

Newtown Creek (NY)

Hazardous Assessment Team arrived at the Scrap Metal Recycler located on 340 Maspeth Ave, Brooklyn. Boats are difficult to load from the dock and operations are slow as many containers are hard to access. Boats are placed into the water and staged with containers via crane. EPA has removed all identified containers, up to 30 55-gallon poly and steel drums. Drums are staged on a property for removal by ER. There is a significant amount of oil at the end of the creek, source is unknown.

Raritan Bay Slag (NJ)

Stabilization activities continued at the Raritan Bay Slag Site. Preparations were made to secure areas that may become effected by the incoming Nor'easter.

Zurburg Hospital (NJ)

Stabilization activities regarding a pile of asbestos containing material should be completed by 9 November 2012. Temporary measures are currently in place to maintain covering of contaminated piles.

RCRA CORRECTIVE ACTION REPORT

Priority RCRA Corrective Action Facilities			
State/County	Facilities	Facility Status Confirmed by EPA*	Issues Reported by Facility**
New Jersey (1A) – Middlesex, Monmouth, Union, Somerset, Hudson, Bergen, and Essex Counties	55	11	3
New Jersey (1B) – storm surge areas in Burlington, Gloucester, and Camden Counties	17	4	0
New Jersey (2) – other facilities	34	0	0
New York - All NYC, Nassau, Suffolk, Westchester, and Rockland Counties	37	9	1

NJ and NY Priority RCRA corrective action facilities have been entered as a data layer into FlexViewer.

***Facility Status Confirmed by EPA:**

NJDEP contacted about half of the 106 RCRA corrective action facilities. EPA has not yet confirmed the entire list of facilities that the state has contacted, and is attempting to contact all priority RCRA corrective action facilities as follows: 1A and 1B in parallel, and 2.

NYSDEC contacted 7 of the 37 facilities that are operating as treatment, storage and disposal facilities, but is not contacting facilities solely undergoing corrective action (i.e., cleanup activity). Although there is some overlap, EPA is attempting to contact all 37 facilities, as conditions may change with the upcoming storm.

****Issues Reported:**

Exxon Bayway-Phillips 66/Linden, NJ: Release of about 130 gallons of petroleum product into Arthur Kill with tidal surge reaching Morris Creek; being addressed under emergency response.

DuPont/Pompton Lakes, NJ: Pump and treat system down due to loss of power on-site; back-up generator was to be installed today if power not restored to the site but was not confirmed.

Safety-Kleen/Linden, NJ: Pump and treat system shut down in advance of the storm; power restored but system not yet back online.

General Instruments/Hicksville, NY: soil vapor extraction system shut down prior to storm to allow for soil sampling, but system not yet back online (facility's decision).

Regulated Facilities

A spreadsheet has been developed to track the status of facilities possibly impacted by Hurricane Sandy. This information includes facility contact person information, latitude and longitude, and description of release circumstances and cleanup efforts, and whether any EPA assistance is requested. The marker for EPA assistance is whether a regulated substance has been released into navigable waters and/or the environment.

Regulatory Program	Number of Facilities Contacted	Number of Facilities Reached	Report of Facility Releases
FRP	67	63	4
RMP	30	27	0
SPCC, Marinas, & Other Oil	119	26	0
Total	216	116	4

The four FRP facilities that reported releases

are the Kinder Morgan Carteret Terminal, Phillips Bayway, EH Werner, and the Motiva Sewaren facility. These sites are actively addressed with NJDEP and USCG.

Efforts have focused on contacting marinas with oil storage. Given that telephone service is not fully restored in shoreline areas, the Region is exploring options to reach marinas electronically.

Compliance assistance concerns are being actively addressed for RMP, FRP, SPCC, Marinas, and Other Oil facilities.

2.2 Planning Section

PLANNING

The Planning Section continues to organize operational status reports, plan for the next operational period, and assist with needs in support of operations. The management of data has proven to be a highly beneficial in supplying information to responders, addressing media concerns, monitoring the status of resources, and providing the Common Operating Picture. FlexViewer is continuously updated based on the needs of program offices, responders, and managers.

The Environmental Unit is ramping up in anticipation of future sampling needs that may occur due to the ramping up of HHW and orphan container collection. All data will be sent through the Environmental Unit for qualification prior to dissemination. Quality Assurance Project Plans (QAPP) have been developed for drinking water, wastewater, and surface sampling events.

2.3 Logistics Section

Logistics continues working on securing vehicles for responders and obtaining fuel for vehicles. Logistics has also been working on obtaining hotel rooms for personnel that will be coming from other Regions to assist in response and recovery efforts. Hotels in Long Island and throughout New Jersey have become scarce due to the amount of displaced people. PPE requests are also being processed. All logistical needs are being handled through the REOC at this time. The REOC is no longer operating under generator power and restoration of utilities has occurred.

2.4 Finance Section

FINANCE

EPA continues to track costs and monitor funding levels against FEMA Mission Assignments. Current Mission Assignments and Estimated Expenditures and Daily Cost Burn as of 11/06/2012 @ 1330 hours;

Region, State	Agreement #	Agreement Date	Agreement Amount	Costs Incurred To Date	Estimated Burn Rate (\$/day)	Purpose
Region 2, New Jersey	4086DR-NJ-EPA-01 Expires 12/10/12	10/30/2012	\$300,000	\$116,110	\$38,703	ESF-10 EOC deployment and assessment assistance in NJ
Region 2, New Jersey	4086DR-NJ-EPA-02 Expires 12/01/12	11/1/2012	\$300,000	\$72,610	\$24,203	Drinking & Wastewater Assistance
Region 2, New Jersey	4086DR-NJ-EPA-03 Expires 11/30/12	11/2/2012	\$1,000,000	\$17,948	\$5,983	Technical Assistance for Environmental Assessments
Region 2 New Jersey	4086DR-NJ-EPA-04 Expires 03/02/12	11/2/2012	\$3,500,000	\$0	NA	Direct Federal Assistance for oil/hazmat field ops
Region 2 New York	NY-12102504-EPA-01 Expired 11/1/12	10/27/2012	\$5,000	\$4,809	NA	ESF-10 EOC deployment and assessment assistance in NY
Region 2 New York	4085DR-NY-EPA-02 Expires 11/10/12	10/30/2012	\$400,000	\$183,464	\$61,155	ESF-10 EOC deployment and assessment assistance in NY
Region 2 New York	4085DR-NY-EPA-01 Expires 12/01/12	11/1/2012	\$300,000	\$12,980	\$4,327	Drinking & Wastewater Assistance
Region 2 New York	4085DR-NY-EPA-04 Verbal	Verbal	\$500,000	\$130,130	\$43,377	Technical Assistance for Environmental Assessments
Region 2 New York	4085DR-NY-EPA-03 Verbal	Verbal	\$1,500,000	\$7,992	\$644	Direct Federal Assistance for oil/hazmat field ops
Region 2 New York	MA# Unknown/Verbal MA Pending	NA	\$75,000 Pending	\$3,984	\$830	Dewatering Ops
			\$7,880,000	\$550,027	\$50,002	

Mission Assignment Funds Depleted

Reconfirmation of MA Funding Obligations Necessary (Ceiling increase or separate funding streams)

2.5 Other Command Staff

2.5.1 Safety Officer

The Safety Officer visited the Middlesex County Utility Authority in South Amboy, NJ. As dive operations commenced at the plant to assess the status of under "water" equipment, safety was of forth front importance. Dive personnel were given safety briefings and discussed contingency plans prior to commencement of the dive. No injuries or close-calls occurred and a safe dive was performed. Several more dives are planned

2.5.2 Liaison Officer

Steve Touw is serving as Liaison Officer and is located in the FEMA RRCC in Colts Neck, NJ, and continues to coordinate the processing of Mission Assignments between the RRCC and the FEMA Initial Operating Facilities (IOF) at the state EOCs.

The MA's for oil/hazmat assessments and field operations, as well as OSC support to the dewatering operations in NY, are still being processed by the NY IOF.

The ESF-10 representative continues to coordinate resource requests, issues, and rumor control with other ESF's, our reps in the state EOC's and the REOC. Issues addressed include the status of PVSC and the Middlesex and Ocean County WWTPs, and various information and coordination requests from other agencies and entities not directly involved in the response.

The RRCC rep participated on a conference call with US FWS and NOAA Fisheries to discuss Section 7 consultations under the Endangered Species Act. EPA verbally requested an informal consultation from FWS, based on the locations of anticipated operations. FWS indicated that based on our operational areas, and the time of the year, they don't expect any takes on their listed species, and will follow up via email. The FWS should be added to the regional SITREP, so they can monitor field operations that may be occurring in areas where listed species are present.

The location and date for the opening of the JFO for NJ has been announced as 307 Middletown Lincroft Road, in Middletown, NJ. The JFO is not expected to be opened until at least early next week.

The NYEOC in Albany is in the process of moving as well towards the end of the week. The new facility will be located at 11835 Queens Boulevard in Forest hills, Queens, NY.

2.5.3 Information Officer

Pat Seppi is PIO and can be reached at 646.369.0068. HQ has approved the HHW fact sheet. We are awaiting the drop-off locations so we can plug them in to the fact sheet. We are also drafting a fact sheet for HHW. The fact sheet for MCUA is in draft. The statement on Newtown Creek has been posted and disseminated to the Newtown Creek Alliance and other interested parties. Two CICs have been activated to assist water teams tomorrow if weather permits. For media, the Huffington Post has inquired about the Jewett site. The Wall Street Journal has made ongoing inquiries about impacts to Superfund sites. NY World has inquired about EPA Hurricane response and Inside EPA has inquired about DEP's waiver for the Coastal Permit Process which is supported by the Corps of Engineers.

3. Participating Entities

3.1 Unified Command

Unified Command is currently not activated in the Region 2 REOC.

Unified Command has been established in Staten Island with the United States Coast Guard Sector New York. Mission Assignments have been issued to USCG for assessment and mitigation along the shores of Staten Island. USCG is focused on conducting shoreline assessments and has requested EPA contractor support to assist in these investigations. EPA has a seat with the UC and is coordinating activities associated with very specific Mission Assignments. EPA is also coordinating efforts to have interior areas that may have also been impacted as a result of storm surge and high winds.

EPA has participated in coordination calls with Sector Delaware Bay. Although UC has not been established for this Sector, one may be forthcoming.

3.2 Cooperating Agencies

EPA is coordinating with a host of agencies on numerous efforts to assess, respond, recover, and mitigate environmental threats caused by Hurricane Sandy. Federal partners include FEMA, Army Corp. of Engineers, USCG, NOAA, and others. State agencies that EPA is coordinating efforts with include Departments of Health, Transportation, Sanitation, Parks, NYSDEC, NJDEP, Emergency Management, and others. County and local officials are also integrated in decision making and tactical assessments of situations.

4. Personnel On Site

Numbers associated with personnel working on Hurricane Sandy efforts can be found in the following table:

Region/State	Current EPA Personnel In Field (All Venues other than EPA Offices)	Current EPA Contractor Personnel In Field	EPA Personnel in REOC	Contractor Personnel in REOC	Total
Region 2			58	39	97
New York	16	8			24
New Jersey	12	11			23
Total	28	19	58	39	144

Number of EPA Personnel Deployed to Region 2 - Hurricane Sandy

	OSCs	RAMs	PIOs	Water Specialists	GIS Specialists	RPMs	CICs	Other (field capable)	Other (not field capable)	Total by Region
Region 1	5	0	0	0	0	0	1	0	0	6

Region 3	6	0	0	0	0	0	0	0	0	6
Region 4	0	0	0	0	0	0	0	0	0	0
Region 5	0	0	0	0	0	0	0	0	0	0
Region 6	0	0	0	0	0	0	0	1	0	1
Region 7	0	0	0	0	0	0	0	0	0	0
Region 8	0	0	0	0	0	0	0	0	0	0
Region 9	0	0	0	0	0	0	0	0	0	0
Region 10										
HQ	0	0	0	0	0	0	0	0	0	0
Special Teams										
Total by job title	11	0	0	0	0	0	1	1	0	13

*Table current as of 11-6-2012

5. Definition of Terms

Definition of Terms

Assisting and Cooperating Agencies - Agencies who are assisting the EPA response, but are not a part of Unified Command.

E Goods - Electronic machines which contain hazardous components. Emergency Response - any activity undertaken by the Operations Section which mitigated an immediate threat to human health or the environment.

FRP - Facility Response Plan. Under the Clean Water Act, as amended by the Oil Pollution Act, a plan for responding, to the maximum extent practicable, to a worst case discharge, and to a substantial threat of such a discharge, of oil. Required by certain facilities that store and use large quantities of oil.

Household Hazardous Waste - Small quantity waste from households that contain corrosive, toxic, ignitable, or reactive ingredients is hazardous. This includes pesticides, paint, solvents, etc.

Hazardous Debris - Debris which contains compounds that make it inappropriate for municipal landfill disposal

Monitoring - Using equipment which will give limited real-time information about constituents in environmental media. This method is used most often for air and water testing.

RCRA - Resource Conservation and Recovery Act.

RMP- Risk Management Plan. Under the Clean Air Act, certain facilities with large quantities of toxic potentially air born chemicals whose releases may impact human populations are required to submit to EPA a plan for hazard assessment, prevention, and emergency response.

Sampling -The process of taking environmental media for analysis at a laboratory of its constituents. These tests may require multiple days to complete, but test for a wider array of constituents than monitors.

Small Container - any container with a potential capacity of less than 5 gallons.

TRI - Toxic Release Inventory - A publicly available EPA database that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990.

Unified Command - A structure based on the Incident Command System (ICS) that brings together the Incident Commanders of all major organizations involved in the incident in order to coordinate an effective response, while at the same time allowing each to carry out their own jurisdictional, legal, and functional responsibilities.

White Goods - Large home electronics such as refrigerators, washing machines, and dryers.

WW - Wastewater Treatment Facilities

6. Additional sources of information

Permit Waivers

NJDEP Waiver of NJPDES Permit Requirements for Repair or Replacement of Public Infrastructure - On 11/3, Commissioner Martin issued New Jersey Administrative Order No. 2012-13, which conditionally waives NJDEP's permitting requirements as set forth in the Flood Hazard Area Control Act Rules, the Coastal Permit Program Rules, and the Freshwater Wetland Protection Act Rules, as applied to the following authorized activities that have been completed, are being conducted, or will be conducted by State, County, and Municipal agencies as necessary to repair or replace public infrastructure damaged as a result of Hurricane Sandy:

- 1) In-kind replacement and/or repair of legally existing public infrastructure damaged by Hurricane Sandy;
- 2) Repair of scouring caused by the hurricane, provided it is directly adjacent to a legally existing bridge, culvert, or public roadway. This AO is in effect until the state of emergency is concluded or the AO is rescinded.

11/2 US Army Corps of Engineers Public Notice - Hurricane Sandy Storm Damage Repairs - Issued by the Chief of the Regulatory Branch of the Philadelphia District - informs the public that repair of damage to public and private property caused by Hurricane Sandy as well as associated flooding and weather conditions from 10/28 – 10/30 may be authorized in New Jersey, Delaware, and Pennsylvania, subject to certain procedures set forth in the PN. It is expected that most of the activities to remediate storm damage would be authorized under an existing Nationwide Permit (NWP), or State Program General Permit (SPGP). Repair of any previously authorized structure or fill are covered by NWP, provided that the structure or fill is not to be put to uses differing from the uses specified in the original permit. For repair of uplands damaged by the hurricane, a NWP authorizes discharges of dredged or fill material, including dredging or excavation, into all waters of the US for activities associated with the restoration of those upland areas, including bank stabilization to protect restored uplands. The Corps retains the right to determine the extent of the pre-existing conditions and the extent of any restoration. The permittee must submit a pre-construction notification to the Corps within 12 months of the date of the damage.

NJ Drinking Water Facilities

11/7 Deployments - EPA is deploying an OSC to Ocean County on 11/7 to assess 10 drinking water facilities.

Middlesex Water Utility (MWU) - On 11/5, MWA lost power to its water utility intake pump, impacting over 500,000 customers. PSEG provided a 1250kw generator. On 11/6, PSEG has restored full power, but the system requires a 48-hour contaminant flush. As a result, a boil water advisory is currently in effect for the following towns: Carteret, Woodbridge, Edison, South Amboy, Highland Park, East Brunswick, and Metuchen.

Bayview Water System (Fortescue/Middlesex County Water Co, Cumberland County, NJ) – Based on the results of their 4 November, 2012 assessment of the Bayview Water System, a Water Assessment Team followed up via telephone with the operator of the Bayview facility. The operator of the facility is the Middlesex County Water Company. The operator confirmed the system is fully operational. The system is currently running off a back-up diesel generator and they reported they have adequate fuel to maintain operations. The operator indicated the facility serves approximately 200 households. The operator reported to the Assessment Team that the Boil Water Notice was lifted last Thursday based on the results of the laboratory analysis. The operator also informed the Assessment Team that there was no pressure drop in system and the Boil Water Notice was only a precautionary measure.

OSC Kelley Chase has contacted the Middlesex Water Company (who also manages the Bayview facility) via phone to confirm status of facility. Spoke with Dave Brogrie and according to him the system is fully operational. The facility is currently running off a back-up diesel generator and has adequate fuel to maintain operations to about 200 households.

Based on lab results the Boil Water Notice was lifted last Thursday and there was no pressure drop in system. The notice was precautionary only.

Fountainhead Parks, Inc. (AKA Fountainhead Properties) – A Water Assessment Team was deployed to the Fountainhead Parks, Inc. drinking water facility in Ocean County, NJ to conduct an assessment of the facility on 6 November, 2012. The Fountainhead Parks, Inc. facility is a relatively small operation and services approximately 150 households. The Assessment Team met with the system owner during their inspection. The Assessment Team reported that both the treatment and distribution system was currently operational. A Boil Water Notice was issued on 11/2 due to loss of pressure. The Boil Water Notice remains in place and is likely to last for 7 days, pending lab results. The operator stated that the facility lost main power for approximately 4 days. Power was returned to the facility at approximately 1500 on 2 November, 2012. The facility has a back-up diesel generator; however, it was not operational. Besides the effects realized from a loss of power, there was no physical damage to facility. The facility indicated they required no assistance at this time.

Jackson Township Water Department (Jackson Township, Ocean County, NJ) – A Water Assessment Team was deployed to the Jackson Township MUA drinking water facility in Ocean County, NJ to conduct an assessment of the facility on 6 November, 2012. The Assessment Team met with the system repairman during their inspection. The Assessment Team reported that both the treatment and distribution system was currently fully operational. The only current impact is limited to the SCATA system (remote operating system software) which is not currently fully operational. To address this issue, when necessary, the facility was making adjustments and monitoring the system manually. The facility reported they lost main power for 4 days, but back-up generators (diesel and natural gas) automatically kicked on when electric service was lost, so the system never lost pressure. The Assessment Team reported that there is no significant damage to the facility. The facility reported that there was minor roof damage to one storage tank; however, the tank was not in use at time. The facility indicated they required no assistance at this time.

Lakewood Township Water Department (Lakewood, Ocean County, NJ) – A Water Assessment Team was deployed to the Lakewood Township Water Department facility in Ocean County, NJ to conduct an assessment of the facility on 6 November, 2012. The Assessment Team met with the system's consulting engineer. The Assessment Team reported that both the treatment and distribution system was currently fully operational. There was storm damage but it was limited to damage to some of their pump houses from tree damage. The facility lost power for only 45 minutes during the storm. The facility does have a back-up generator available. The facility contact reported that some of the pump houses are currently running off generator power. The facility reported that adequate fuel is available and is not an issue. The Water Assessment Team will follow-up via telephone on 7 November, 2012 with the Plant Superintendent to confirm the accuracy of the above information. The facility indicated they required no assistance at this time.

NJ Wastewater Treatment Plants

Middlesex County Utility Authority (MCUA) - The plant (110 MGD) is now on the grid and receiving wastewater from the South Amboy pump station (approximately 11 MGD) and 20-24 MGD from Sayreville Pump Station. Sayreville normally receives between 70-75 MGD. MCUA is attempting to install an additional 12-15 MGD of pumping capacity by the end of the week. A new sluice gate needs to be installed prior to installing additional pumping capacity. A diver entered the wet well on 11/6 to install a new gate. The Edison pump station is still not online. MCUA expects the Edison pump station to have bypass pumps in place later this week. This will then handle all dry weather flow to Edison pump station. Electrical repairs are continuing at both Edison and Sayreville pump stations.

Dive operations were conducted at the facility. Diver was in over 5 hours and cleared obstructions and removed them from the dive chamber. Diver installed 32 threaded studs into wall and rigged a sluice gate (6000 lbs) into the chamber. Diver had trouble mating the gate's bolt holes with the studs. The result is that the rigging is not perfectly balanced and the gate is tilted making mounting of the gate difficult. We are changing divers and attempting to re-rig to level the gate at a later time.

Passaic Valley Sewerage Commission (PVSC) - PVSC is the fifth largest wastewater treatment plant in the United States, discharging 330 million gallons per day. Influent and effluent pumps are operating, and wastewater is moving through the plant, but receiving crude primary treatment. PVSC is discharging chlorinated wastewater from the site into New York Harbor. NJDEP initially advised industrial users to stop the discharges, but has begun to relax these requirements. Some of the ventilation systems through the tunnels and galleries have been repowered. Submersible pumps arrived on 11/5 and were deployed to remove remaining water remaining in tunnels and galleries. Alternatives are still being evaluated by PVSC, EPA and ACOE to dispose of approximately 4 million gallons of liquid sludge. A joint State and Federal assistance team is onsite. We are also coordinating with Water Environment Federation (WEF) for technical expertise, and looking for sludge disposal options.

North Hudson, Hoboken - The 20 MGD plant is on the grid and is providing primary treatment, but cannot get the sludge out. They are trying to restore the pumps because the motors were underwater.

Northwest Bergen - As of 11/6, this 10 MGD facility is releasing raw sewage and is in need of electrical work. NJDEP was intending to issue a water conservation notice.

Asbury Park, NJ - The Asbury Park STP was back on the grid by 11/5. Unfortunately, all of its sludge pumps got flooded during the storm, so it has no way to pump sludge out of the settling tanks to the holding tanks, and no way to pump sludge out of the holding tanks for disposal. As a result, there is a large volume of solids within the treatment plant, and the plant is basically discharging a chlorinated primary effluent to the ocean. All efforts are directed towards getting these sludge pumps operational.

Fishing and Boating Advisory - NJDEP expanded an advisory to recreational boaters, anglers and crabbers to avoid the waters of Northern Barnegat Bay (from Barnegat Light to Point Pleasant), and is advising residents not to eat any fish, crustaceans or shellfish from these waters because of potential contamination from pathogens. NJDEP issued the first boating advisory for the New Jersey portion of the Hudson River, Passaic, Hackensack River, Newark Bay, Kill Van Kull and Arthur Kill, Raritan Bay, Raritan River, and

Sandy Hook Bay.

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Middlesex County Utility Authority (Middlesex County, NJ) – A Water Assessment Team continues to provide support to MCUA. Meetings have been occurring throughout the day with EPA, DEP, dive specialists, MCUA engineers, USCOE, OSHA SERAS, ERRS, USAR and others regarding the potential repair dive operations. In the morning of 6 November, 2012 the job hazard analysis and HASP was completed. The dive occurred today as scheduled, beginning at 1315 hours. The dive is currently planned to continue throughout the day and into the evening.

Ocean County Utility Authority (Ocean County, NJ) – A Water Assessment Team was deployed to the Ocean County Utility Authority (OCUA) on 6 November, 2012 to assess the condition of the authority's facilities. The OCUA treats their sewer water through three separate plants (North, Central and South). A summary of the Water Assessment's Team inspection is provided below by facility.

North Plant – The North Plant is located in Brick Township, NJ. The Water Assessment Team reported that there was no structural damage to the plant and the collection system is fully operational, including all pump stations and outfalls. The facility reported that treatment of all waste is occurring and permanent power is being utilized to operate the facility. Adequate emergency generators are present, if necessary. The facility is prepared for the upcoming storm. No EPA assistance required is required at this time.

Central Plant – The Central Plant is located in Berkley Township, NJ. The Water Assessment Team reported that there was no structural damage to the plant and all mainland collection systems and pump stations are fully operational. The facility reported that the collection system is operating on reduced capacity at barrier island locations (Seaside, Lavallette, Ortley) due to electrical damage to 6 pump stations. The facility reported that there are few residents currently in those areas and they don't anticipate any significant issues. The facility reported that there are no storm-related outfall issues and they are continuing with pre-storm outfall repairs. The facility reported that treatment of all waste is currently occurring. Permanent power is being utilized to operate the facility. Adequate emergency generators are present, if necessary. The facility is prepared for upcoming storm. No EPA assistance required is required at this time.

South Plant – The South Plant is located in Stafford Township, NJ. The Water Assessment Team reported that there was no structural damage to the plant and all collection systems and pump stations are fully operational and there are no outfall issues. The facility reported that treatment of all waste is currently occurring. Permanent power is being utilized to operate the facility. Adequate emergency generators are present, if necessary. The facility is prepared for upcoming storm. No EPA assistance required is required at this time.

Passaic Valley Sewerage Commission – A Water Assessment Team continued to provide support during 6 November, 2012 for the PVSC recovery operations. Meetings occurred throughout the day with the EPA, DEP, PVSC, COE, disposal contractors and others regarding facility repairs and operation. The activities for the day continued with the goal of getting the waste water treatment system fully operational. Dewatering of the facility is continuing to allow for further assessment and repair of the facility. The assessment of the condition of the primary sludge dewatering equipment by facility engineers has commenced. When the dewatering equipment assessment is complete, it will allow for a more accurate timeframe as to when dewatering of primary sludge can commence at the facility (dewatering and disposal of the sludge remains a primary operational concern).

The major issue facing the facility is the dewatering and disposal of approximately 4 million gallons of primary sludge per day. The PVSC can store approximately 50 million gallons of sludge at the facility on a temporary basis and is doing so as treatment and/or disposal options are further evaluated.

There are currently two options currently being considered for the treatment and disposal of the sludge. The first option is the setup of mobile dewatering equipment with landfill disposal. The second option is the shipment of the sludge by barge to other treatment facilities for treatment and disposal. Items such as cost, speed, and potential issues (permitting, local acceptance, capacity, etc.) are being considered. Currently identified issues and risks associated with the shipment of sludge by barge to other facilities consist of loading and unloading the barges, capacity (no facility has yet to be located that could take the entire daily amount of sludge), and permitting of the other facilities for the acceptance and treatment of sludge at these facilities. Issues and risks associated with the temporary mobile treatment facilities consist of limited backup capacity and landfill disposal of the dried sludge.

Mobile dewatering facilities can start arriving at the facility approximately 36 hours after approval for the mobile dewatering option. The mobile units would have a staggered arrival over a week and a half. A request has been submitted to EPA that any disposal facility that the dry sludge is sent to would need a permit exception from the regulatory agencies to allow disposal to start while analytical testing is conducted. The disposal facilities are located in GA, KY, PA, VA and NY along with an incineration plant in CT.

PVSC has requested EPA's assistance in the cleanout (power washed) of flood impacted tunnels and basements which have been dewatered. On-site operations are anticipated to begin on November 8, 2012.

A final decision regarding the most appropriate method of dewatering and disposal of primary sludge is pending. EPA and ERRS will

need to be determine the complete scope of work for the power washing of the basements and tunnels. EPA will initiate coordination for the possible regulatory relief on the acceptance of the sludge initially produced.

NY Drinking Water Facilities

Deployments - EPA is deploying an OSC to Rockland County on Wednesday (11/7) to provide assistance to 12 drinking water facilities. An OSC was deployed to Rockaway on 11/6.

NY Wastewater Treatment Plants

Bay Park, Nassau County, NY - All flow from the plant (50 MGD average flow) is passing through the facility. The only treatment for the wastewater is screening and disinfection prior to discharge. A portion of the wastewater flow is intermittently discharged through the auxiliary outfall into East Rockaway Channel depending on tidal condition. A temporary sludge dewatering facility is being installed and should be operational by 11/13. An Army Corps of Engineers team arrived with pumps and portable generators to pump out the plant. A damage assessment team is reviewing the unit processes and will provide input to get the facility operational on a long term basis.

New York State funds to repair WWTPs - The New York State Department of Environmental Conservation (NYSDEC) will release \$22.8 million in escrow funds to allow New York City to spend the money to repair damage to wastewater treatment plants from the impact of Hurricane Sandy. The city funded the escrow account funded under the terms of DEC enforcement agreements for past violations at the city's wastewater treatment facilities. DEC Commissioner Joe Martens said the funds will be released immediately to expedite plant repairs, crediting the city for meeting milestones in agreements for its Newtown Creek facility and committing "unprecedented resources to green infrastructure investments."

Closure of Shellfish Harvesting Areas on Long Island - NYSDEC extended its 10/29 closure of shellfish harvest areas on Long Island to 11/13.

Yorktown WWTP, Westchester County, Yorktown, NY - EPA investigated the WWTP on 11/6/2012. Yorktown WWTP has power back on as of 11/1/12. They have stated that they need no further assistance from EPA.

Port Chester WWTP, Westchester County, Port Chester, NY - EPA investigated the facility on 11/6/2012. Port Chester WWTP has power back on as of 11/1/12. They have state they need no further assistance from EPA at this time.

Yonkers Joint WWTP, Westchester County, Yonkers Joint, NY - Yonkers Joint WWTP is receiving power from the grid. It is unknown when it was restored. The facility sustained heavy damage, but the facility has it under control. Many contractors are on site managing the cleanup & backup systems are coming on-line. NYDEC was at the facility 10 minutes prior to EPA's arrival. FEMA has already conducted an assessment at the facility to estimate preliminary funds needed to address damaged systems.

Office of Water

Operation Hurricane Sandy Update

Region 2 Input to EOC Water Desk – 11/6 – 5:00 p.m.

Drinking Water in New Jersey – Current as of 11/6/12		Population Served (total)
Total # Facilities - Community	612	9,000,000
EPA Assessed (cumulative)	9	390,000
Total Currently Needing Assistance	41	Unavailable
Operational = 27		Unavailable
On Grid = 0	Generator = 27	Gravity Fed = 0
Boil Water Advisories = 6		37,400
Do Not Use = 0 identified today		0
Non-Operational = 14		Unavailable
Flooded = Not identified		Power Loss = 41

Wastewater Treatment Systems in New Jersey – Current as of 11/6/12		Population Served (total)
Total # Facilities (Declared Counties)	179	
EPA Assessed	6	n/a
Total Currently Impacted	73	n/a
Operational = 73		n/a

On Grid = 36	Generator = 37	
Bypassing	6	n/a
Non-Operational	0	n/a
Flooded = 0	Power Loss = 0	

Drinking Water in New York – Current as of 11/6/12		Population Served (total)
Total # Facilities (Declared Counties)	191	12,000,000
Community		
EPA Assessed (cumulative)	3	6,000
Total Currently Needing Assistance	37	260,200
Operational = 9		251,000
On Grid = 0	Generator = 9	Gravity Fed = 0
Boil Water Advisories = 34		7,100
Do Not Use = 3		43,240
Non-Operational = 28		9,200
Flooded = 5	Power Loss = 37	

Office of Water

Operation Hurricane Sandy Update

Region 2 Input to EOC Water Desk - November 6, 2012

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Wastewater Treatment Systems in New York – Current as of November 6		Population Served (total)
Total # Facilities (Declared Counties)	83 (includes Rockland & Westchester Counties)	
EPA Assessed	7	n/a
Total Currently Impacted	27	n/a
Operational = 27		n/a
On Grid = 4	Generator = 23	
Bypassing	0	n/a
Non-Operational	0	n/a
Flooded = 0	Power Loss = 0	

ADDITIONAL INFORMATION

WEBSITE: <http://www.epaosc.org/HurricaneSandy>

INSTRUCTIONS FOR EPAOSC.NET:

If you do not have a password or have never used the EPAOSC.net website before, you will need to click the login button on the top right of the web page. Once on the login page, you will need to click on REGISTER HERE, provide the information requested and submit. This submits your request to ERT, and they will generate a user ID and password for you to enter the private side of the Website. In less than 10 minutes after registering, you should receive an e-mail from ERT SUPPORT providing the information (login and password). At this point you can then enter the website: www.epaosc.net, click on log in, then enter your information. Once logged in, click on websites, then click on Region 2. The Hurricane Irene website should be one of the first ten websites that pop up, if not, you can scroll down to find the site. Click on Hurricane Sandy. Once on the site, you can navigate to the documents that will be stored there.

FlexViewer :

WEBSITE: http://www.epa.gov/geospatial/ermaps/Region2_HurricaneSandy/

The EPA Region 2 Common Operating Picture is now available on FlexViewer. This interactive display is constant being updated with various information pertaining to assessments, resource locations, EOC locations, status of remedial/removal sites, water treatment facility locations, and many other. Individuals located within the EPA network may view the display and create their own maps, however the COP located in the Situation Unit adjusts to the needs of the operations.

If you find that you are having trouble viewing the website, please contact the EPA duty officer at (732) 906-6850

EPA Edison REOC	732-906-6850
Afterhours Notifications, National Response Center (NRC)	800-424-8802
Regional Incident Commander (RIC) for NY, James Daloia	908-420-4505
Regional Incident Commander (RIC) for NJ, Christopher Jimenez	908-420-4484
FEMA IMAT (Albany), Michael Solecki, OSC	908-420-4501
NJ EOC (Trenton), Carl Pellegrino, OSC	908- 420-4491
FEMA RRCC(Colts Neck), Steve Touw, OSC	908-420-4458
NYC OEM (Brooklyn), Margaret Chong, OSC	908-420-4477
UC USCG (Staten Island), Ellen Banner	908-420-4462

REPORTING SCHEDULE

Situation Reports are planned for release at 0500 following the operational period.

7. Situational Reference Materials

Situation Reports for response activities in New Jersey and New York associated with Hurricane Sandy can be found at www.epaossc.org/HurricaneSandy. General Weather for the next Operational Period:- Temperatures in the greater New York metro area will remain the same. It will be partly cloudy with temperatures ranging from a high of 50 to a low of 39.